

Message

From: Hoornaert,, Paul- S&L [/O=NPPD/OU=CGO/CN=RECIPIENTS/CN=PAULHOORNAERT]
Sent: 9/4/2013 2:03:03 PM
To: Nitsch, Bob B. [bbnitsc@nppd.com]
CC: MARK.F.SANTSCHI@sargentlundy.com; Patel,, Wayshalee A.- Sargent & Lundy
 [wayshalee.a.patel@sargentlundy.com]; Marshall,, Minnie- Sargent & Lundy [minnie.marshall@sargentlundy.com]
Subject: Fw: Proposal to Update MPCE Pro Formas

Bob:

Please see Wayshalee's e:mail below.

Thanks
 PGH

file 12681-012 / #2.03

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-----Forwarded by PAUL HOORNAERT/Sargentlundy on 09/04/2013 08:57AM -----

To: PAUL HOORNAERT/Sargentlundy@Sargentlundy
 From: WAYSHALEE A PATEL/Sargentlundy
 Date: 08/29/2013 10:27AM
 Subject: Proposal to Update MPCE Pro Formas

Paul-

Bob asked me to put together a proposal to update the various pro formas that S&L prepared for the GGS MPCE project. As such, I have highlighted what we intend on doing and the time and manpower it will take to complete. After your review. please forward to Bob Nitsch.

Thanks.

Tasks:

- Obtain recent pricing on consumables such as Urea, Lime, Carbon and Limestone costs.
- Determine that inputs received from NPPD such as flyash sale, landfill costs, power costs and capacity factor are still reasonable.
- Update the pro forma analysis for WFGD, SCR Multiple Contract at 3% and 10%, and ACI.

- Prepare summary power point slides for each pro forma showing the levelized capital, fixed and variable O&M costs.

Clarifications:

- Capital costs will not be directly updated. The pro forma will push out the year of commercial operation to a date agreed upon with NPPD.
- Assumptions that form the basis for the quantity of consumables will remain the same (i.e. heat input, design fuel, etc.)

Manpower:

- 50 hours ----> \$6000

Schedule:

- Per Wayshalee Patel e:mail of 09-03-13 to Bob Nitsch

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